

REMARKS

Claims 1, 3, 6, 11, and 16 are amended. Claim 4, 10, 14, and 18 are canceled without prejudice or disclaimer. Claims 5, 9, 13, and 17 were previously canceled without prejudice or disclaimer. No new matter is added by these amendments. Claims 1-3, 6-8, 11-12, 15-16, and 19-20 are pending. By amending the claims, applicants are not conceding that the claims are non-statutory under 35 U.S.C. 102 and 103 and are not conceding that the claims are unpatentable over the art cited by the Examiner, as the claim amendments are only for the purpose of facilitating expeditious prosecution. Applicant respectfully reserves the right to pursue these and other claims in one or more continuation and/or divisional applications. Applicant respectfully requests reconsideration and allowance of all claims in view of the amendments above and the remarks that follow.

Objections to the Specification

The disclosure is objected to because "Reference number 140 should be changed to - 154- - on page 9, line 30." The specification is amended to recite: "client 154," as required by the Office Action.

Objections to the Claims

Claim 3 is objected to because it "should presumably depend on Claim 1." Claim 3 is amended to depend on claim 1, as required by the Office Action.

Rejections under 35 U.S.C. 102 and 103

Claims 1, 2, 4, 6, 7, 10, 11, 14-16, 18, and 19 are rejected under 35 U.S.C. 102(e) as unpatentable over Hamilton (US 6,889,227). Claims 3, 8, 12, and 20 are rejected under 35 U.S.C. 103(a) as unpatentable over Hamilton in view of Apte (US 6,269,373). Applicant respectfully submits that the claims are patentable over the references because the references, alone or in combination, do not teach or suggest all of the elements of the claims, for the reasons argued below.

Claim 1 recites: “generating code in a helper class associated with the container-managed persistence bean, wherein the helper class determines a connector based on a connection factory type; ...wherein the code in the helper class calls an evaluator class and passes results of the procedure, wherein the evaluator class evaluates the results.”

The Office Action relies on the Hamilton database bridge 120 and on Hamilton at column 8, lines 10-15, which recites: “the object evaluator 160 exposes method of EJBs and ... is executed with respect to the single access EJB to expose the separate database access methods of the single access EJB object. The exposed methods are used to produce or update the database bridge map 128.”

The Hamilton database bridge 120 includes an “SQL Query Model 124” and a “Database Bridge Map 128,” as illustrated in Fig. 2. The Hamilton SQL Query Model 124 “process[es] queries from the client application,” as described by Hamilton at column 6, lines 17-18. The “Database Bridge Map 128” includes a mapping of SQL statements to EJB objects, as illustrated in Hamilton at Fig. 4 and as described by Hamilton at column 6, lines 21-22.

Thus, Hamilton does not teach or suggest “generating code in a helper class associated with the container-managed persistence bean, wherein the helper class determines a connector based on a connection factory type; ...wherein the code in the helper class calls an evaluator class and passes results of the procedure, wherein the evaluator class evaluates the results,” as recited in claim 1 because neither the Hamilton SQL Query Model 124 (which merely “process[es] queries”) nor the Hamilton “Database Bridge Map 128” (which includes data that describes a mapping relationship) determines a connector based on a connection factory type, calls an evaluator class, or pass results of the procedure, as recited in claim 1.

Claim 1 further recites: “mapping the input and output records between the method in the container-managed persistence bean and the procedure, wherein the output records comprise the results.”

The Office Action relies on the Hamilton at column 6, lines 2-25, 32-24, and 43-51, which merely recite that commands are mapped to EJB objects and that methods are mapped as properties in the database bridge, none of which is related to mapping output records that comprise results, as recited in claim 1 because commands and methods are not output results. Thus, Hamilton does not teach or suggest “mapping the input and output records between the method in the container-managed persistence bean and the procedure, wherein the output records comprise the results,” as recited in claim 1.

Apte at column 17, lines 17-20 describes a “‘Tie’ object that maps server application state to corresponding back-end data.” But, Apte does not teach or suggest “mapping the input and output records between the method in the container-managed persistence bean and the procedure, wherein the output records comprise the results,” as recited in claim 1 because Apte maps a server application state to back end data and not records between a method in a container-managed persistence bean and a procedure. Thus, Apte teaches away from claim 1. Hence, the references, alone or in combination, do not teach or suggest all the elements of claim 1.

Independent claims 6, 11, and 16 include similar elements as argued above for claim 1 and are patentable over the references for similar reasons. Claims 2-3, 7-8, 12, 15, and 19-20 are dependent on claims 1, 6, 11, and 16, respectively, and are patentable for the reasons argued above, plus the elements in the claims.

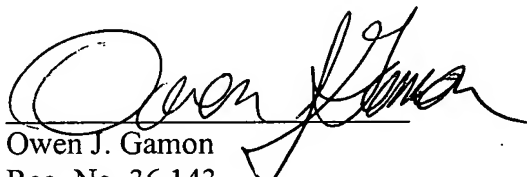
Conclusion

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is requested. The Examiner is invited to telephone applicant's attorney (651-645-7135) to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 09-0465.

Respectfully submitted,

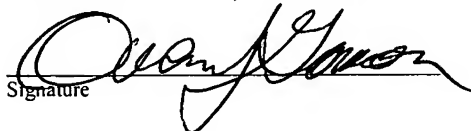
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